

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	remote.clm. and "damage version".clm. and verifier.clm. and repair\$3.clm. and authori\$5.clm. and stor\$3.clm. and receiv\$3.clm. and generat\$3.clm. and portion.clm. and protect\$3.clm. and determin\$5.clm. and input.clm.	USPAT	OR	OFF	2006/06/14 09:46
L2	0	remote.clm. and "damage version".clm. and verifier.clm. and repair\$3.clm. and authori\$5.clm. and stor\$3.clm. and receiv\$3.clm. and generat\$3.clm. and portion.clm. and protect\$3.clm. and determin\$5.clm. and input.clm.	US-PGPUB; USPAT	OR	OFF	2006/06/14 09:47
L3	0	remote.clm. and "damage version".clm. and verifier.clm. and repair\$3.clm. and authori\$5.clm. and stor\$3.clm. and receiv\$3.clm. and generat\$3.clm. and portion.clm. and protect\$3.clm. and determin\$5.clm. and input\$4.clm.	US-PGPUB; USPAT	OR	OFF	2006/06/14 09:47
L4	1643	713/193	US-PGPUB; USPAT	OR	OFF	2006/06/14 09:51
L5	1225	713/189	US-PGPUB; USPAT	OR	OFF	2006/06/14 09:51
L6	2555	713/167 or 380/200 or 380/201 or 380/202 or 380/203 or 380/204 or 705/57	US-PGPUB; USPAT	OR	OFF	2006/06/14 09:52
L7	4698	6 or 5 or 4	US-PGPUB; USPAT	OR	OFF	2006/06/14 09:52
L8	16	7 and remot\$3 and authoriz\$4 and generat\$3 and repair\$3 and damag\$3	US-PGPUB; USPAT	OR	OFF	2006/06/14 09:53
L9	1797	remot\$3 and authoriz\$4 and generat\$3 and repair\$3 and damag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 09:53
L10	52	9 and verifier and determin\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 09:54

EAST Search History

L11	1	"09536944"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 09:54
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NPL search report for 091894389 →


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1 [The LOCKSS peer-to-peer digital preservation system](#)
 Petros Maniatis, Mema Roussopoulos, T. J. Giuli, David S. H. Rosenthal, Mary Baker
February 2005 **ACM Transactions on Computer Systems (TOCS)**, Volume 23 Issue 1
Publisher: ACM PressFull text available: [pdf\(715.30 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The LOCKSS project has developed and deployed in a world-wide test a peer-to-peer system for archival information published on the Web. It consists of a large number of independent, low-cost nodes that detect and repair damage to their content by voting in "opinion polls." Based on this experience, a novel protocol for voting in systems of this kind. It incorporates rate limiting, digital preservation, replicated storage, and a distributed system of checks and balances to ensure the integrity of the data.

Keywords: Rate limiting, digital preservation, replicated storage**2** [Proceedings of the SIGNUM conference on the programming environment for developers](#)
 March 1979 **ACM SIGNUM Newsletter**, Volume 14 Issue 1
Publisher: ACM PressFull text available: [pdf\(5.02 MB\)](#)Additional Information: [full citation](#)**3** [Security issues with TCP/IP](#)
 Renqi Li, E. A. Unger
June 1995 **ACM SIGAPP Applied Computing Review**, Volume 3 Issue 1
Publisher: ACM PressFull text available: [pdf\(801.12 KB\)](#)Additional Information: [full citation](#), [abstract](#), [index terms](#)

An introduction to network security, basic definitions and a brief discussion of the architecture of the Internet. The Intercorrelation(OSI) Reference Model is introduced. The relationship between TCP/IP and other security protocols is provided. The major protocols in TCP/IP suite and the security features and problems in each are discussed in the context of the protocol services.

Keywords: TCP/IP, Unix, network security, security**4** [Special issue: AI in engineering](#)

D. Sriram, R. Joobbani

 April 1985 **ACM SIGART Bulletin**, Issue 92

Publisher: ACM Press

Full text available:  pdf(8.79 MB)

Additional Information: [full citation](#), [abstract](#)

The papers in this special issue were compiled from responses to the announcement in the July notices posted over the ARPAnet. The interest being shown in this area is reflected in the sixty | half the papers were received over the computer network.

5 Formalizing the safety of Java, the Java virtual machine, and Java card

 Pieter H. Hartel, Luc Moreau

December 2001 **ACM Computing Surveys (CSUR)**, Volume 33 Issue 4

Publisher: ACM Press

Full text available:  pdf(442.86 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

We review the existing literature on Java safety, emphasizing formal approaches, and the impact such as smartcards. The conclusion is that although a lot of good work has been done, a more extensive set of machine-readable formal models of the whole of Java and its implementation. This is a foundation to build trust in Java safety, and thence to achieve ITSEC level 6 or Common Crite ...

Keywords: Common criteria, programming

6 A high-level abstraction of shared accesses

 Peter J. Keleher

February 2000 **ACM Transactions on Computer Systems (TOCS)**, Volume 18 Issue 1

Publisher: ACM Press

Full text available:  pdf(183.57 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

We describe the design and use of the tape mechanism, a new high-level abstraction of accesses that consolidate and generalize a number of recent protocol optimizations, including update-based locking usually created by "recording" shared accesses. The resulting recordings can be used to anticipate movement to application semantics. Tapes-based mechanisms a ...

Keywords: DSM, programming libraries, shared memory, update protocols

7 Death, taxes, and imperfect software: surviving the inevitable

 Crispin Cowan, Calton Pu

January 1998 **Proceedings of the 1998 workshop on New security paradigms**

Publisher: ACM Press

Full text available:  pdf(1.09 MB)

Additional Information: [full citation](#), [references](#), [index terms](#)

8 The space shuttle primary computer system

 Alfred Spector, David Gifford

September 1984 **Communications of the ACM**, Volume 27 Issue 9

Publisher: ACM Press

Full text available:  pdf(5.34 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: PASS, avionics system, space shuttle

9 Safely executing untrusted code: Model-carrying code: a practical approach for safe execu

 R. Sekar, V.N. Venkatakrishnan, Samik Basu, Sandeep Bhatkar, Daniel C. DuVarney
October 2003 **Proceedings of the nineteenth ACM symposium on Operating systems prin**
Publisher: ACM Press
Full text available:  [pdf\(301.30 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

This paper presents a new approach called *model-carrying code* (MCC) for safe execution of unit tests that untrusted code comes equipped with a concise high-level model of its security-relevant behavior between high-level security policies and low-level binary code, thereby enabling analyses which users can use a fully automated verification procedure to determine if the code ...

Keywords: mobile code security, policy enforcement, sand-boxing, security policies

10 [Endorsements, licensing, and insurance for distributed system services](#)

 Gennady Medvinsky, Charlie Lai, B. Clifford Neuman
November 1994 **Proceedings of the 2nd ACM Conference on Computer and communications**
Publisher: ACM Press
Full text available:  [pdf\(743.09 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Clients in a distributed system place their confidence in many servers, and servers themselves in authentication, authorization, and payment. When a system spans administrative boundaries it is the competence of potential service providers. This paper examines the issue of confidence in large systems lacking in the "real world," one relies on endorsements, licensing, ...

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